

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE NEW BASIS

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
113604	M36580	STORAGE TANK PLASTICS & RESINS
141729	M57251	STORAGE TANK FX RF W/CTL POLYESTER
450806	F81487	PLASTICS & RESINS BLENDING
450807	F81488	PLASTICS & RESINS BLENDING
161667	D07464	BAGHOUSE
327365	F07034	SPRAY BOOTH STYRENATED RESINS
327367	F07035	SPRAY BOOTH STYRENATED RESINS
327368	F07036	PLASTICS & RESINS BLENDING
327370	F07037	SPRAY BOOTH STYRENATED RESINS
327371	F07038	SPRAY BOOTH STYRENATED RESINS
327372	F07039	SPRAY BOOTH STYRENATED RESINS
348524	F24082	PLASTICS & RESINS BLENDING
416447	F65485	MIXING TANK
476311	F98567	HYDROCARBONS MISC BLENDING
484033	F98572	DUST COLLECTOR
507895	G12966	SILO
507894	G12965	SILO
507892	G12964	SILO
507891	G12963	BAGHOUSE
507890	G12962	BAGHOUSE
507889	G12961	BAGHOUSE
493706	G12959	STORAGE TANK PLASTICS & RESINS
485720		SPRAY BOOTH W/VOC CONTROL EQUIPMENT
515594		SPRAY BOOTH W/VOC CONTROL EQUIPMENT
514879		MIXING TANK
505170	G12960	MIXING TANK

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
  - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
  - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
2. NO MATERIALS CONTAINING HEXAVALENT CHROMIUM SHALL BE UTILIZED AT THIS FACILITY PURSUANT TO THE AB 2588 TOXIC HOT SPOTS PROGRAM.  
[RULE 1402]
3. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
4. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE AT THIS FACILITY SHALL NOT EXCEED 5,133 POUNDS IN ANY ONE CALENDAR MONTH (EXCLUDING STORAGE TANK EMISSIONS).  
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109, 1303(b)(2)-OFFSET]
6. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.  
[RULE 109, 1303(b)(2)-OFFSET]
7. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THIS FACILITY DURING THE PRECEDING 5 YEARS.  
[RULE 109, 1303(b)(2)-OFFSET]

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8. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC CONTAINING MATERIAL FROM THE FACILITY FOR 5 YEARS.  
[RULE 109, 1303(b)(2)-OFFSET]
9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 5 YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. M36580  
A/N 113604**

#### **Equipment Description and Conditions:**

STORAGE TANK, RESIN, HORIZONTAL CYLINDRICAL, 7'-0" DIA. X 14'-0" L., 4,000 GALLON CAPACITY.

#### **Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109

VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. M57251  
A/N 141729**

#### **Equipment Description and Conditions:**

STORAGE TANK, RESIN, HORIZONTAL CYLINDRICAL, 7'-0" DIA. X 14'-0" L., 4,000 GALLON CAPACITY.

#### **Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109

VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F81487  
A/N 450806**

#### **Equipment Description:**

CASTING MACHINE NO. 1, FIBERGLASS RESIN/CALCIUM CARBONATE, AUTOCASTER ULTRA, MODEL NO. 150100U, 4'-6" W. X 9'-4" H. X 6'-8" D.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.  
[RULE 1401]
4. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR

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- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
  - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM     RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP:   40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F81488  
A/N 450807**

#### **Equipment Description and Conditions:**

CASTING MACHINE NO. 2, FIBERGLASS RESIN/CALCIUM CARBONATE, AUTOCASER ULTRA, MODEL NO. 150100U, 4'-6" W. X 9'-4" H. X 6'-8" D.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.  
[RULE 1401]
4. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR

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- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM     RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP:   40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. D07464  
A/N 161667**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, FABRICMAX, ENVELOPE FILTER TYPE, MODEL NO. F-150-1.5-H55, MECHANICAL SHAKER, WITH 150 SQUARE FEET FILTER AREA.
2. EXHAUST SYSTEM WITH A 1.5 HP EXHAUST FAN VENTING A RESIN-DOUGH MIXER AND LOADING CELL.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.  
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.  
[RULE 3004 (a)(4)]

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6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
- THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07033  
A/N 327362**

#### **Equipment Description:**

SPRAY BOOTH NO. 1, BLEEKER, FLOOR FILTER TYPE, MODEL F-40-10-24, 40'-4" W. X 28'-8" L. X 12'-6" H., WITH ONE HUNDRED THIRTY EIGHT 20" X 20" EXHAUST FILTERS AND TWO 5 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

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### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07034  
A/N 327365**

#### **Equipment Description:**

SPRAY BOOTH NO. 5, BLEEKER, FLOOR FILTER TYPE, MODEL F-12-8-7, 12'-4" W. X 10'-6" L. X 8'-0" H., WITH TWENTY EIGHT 20" X 20" EXHAUST FILTERS AND TWO 2 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

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### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07035  
A/N 327367**

#### **Equipment Description:**

SPRAY BOOTH NO. 2, BLEEKER, FLOOR FILTER TYPE, MODEL F-48-12-24, 48'-0" W. X 28'-8" L. X 12'-0" H., WITH ONE HUNDRED SIXTY EIGHT 20" X 20" EXHAUST FILTERS AND TWO 7.5 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE NEW BASIS

### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07036  
A/N 327368**

#### **Equipment Description:**

MIXER, RESIN DOUGH, BAKER PERKINS, 14 CU. FT. CAPACITY, WITH A 100 HP MOTOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORD KEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
4. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

## FACILITY PERMIT TO OPERATE NEW BASIS

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07037  
A/N 327370**

#### **Equipment Description:**

SPRAY BOOTH NO. 6, BLEEKER, FLOOR FILTER TYPE, MODEL F-42-10-18, 42'-0" W. X 18'-0" L. X 10'-0" H., WITH ONE HUNDRED FORTY FOUR 20" X 20" EXHAUST FILTERS AND TWO 7.5 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE NEW BASIS

### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07038  
A/N 327371**

#### **Equipment Description:**

SPRAY BOOTH NO. 3, BLEEKER, FLOOR FILTER TYPE, MODEL F-40-10-24, 40'-4" W. X 28'-8" L. X 12'-6" H., WITH ONE HUNDRED THIRTY EIGHT 20" X 20" EXHAUST FILTERS AND TWO 5 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE NEW BASIS

### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F07039  
A/N 327372**

#### **Equipment Description:**

SPRAY BOOTH NO. 4, BLEEKER, FLOOR FILTER TYPE, MODEL F-12-8-7, 12'-0" W. X 10'-6" L. X 8'-0" H., WITH TWENTY EIGHT 20" X 20" EXHAUST FILTERS AND TWO 2 HP EXHAUST FANS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA WHICH IS AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER COLUMN.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
6. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
7. POLYESTER RESIN AND GELCOAT VOC EMISSIONS SHALL BE CALCULATED ON A DAILY BASIS USING THE FOLLOWING EMISSION FACTORS:
  - A. POLYESTER RESIN (SPRAY), 5% BY WEIGHT
  - B. POLYESTER GEL COAT (SPRAY), 10% BY WEIGHT
  - C. POLYESTER RESIN (CAST), 1.6% BY WEIGHT  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE NEW BASIS

### Periodic Monitoring:

8. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 109  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F24082  
A/N 348524**

#### **Equipment Description:**

MIXER, RESIN DOUGH, CUSTOM MADE, 47.5 IN. DIA. (INTERNAL) X 42 IN. H., WITH A 5 HP MOTOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109]
4. THE TOTAL QUANTITY OF MATERIALS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 16,000 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
5. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 4. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF SEPTEMBER 8, 1998 OR EARLIER.  
[RULE 1401]
7. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

#### **Periodic Monitoring:**

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F65485  
A/N 416447**

#### **Equipment Description:**

MIXING TANK, NO. 3, FIBERGLASS RESIN/CALCIUM CARBONATE, 4'-0" DIA. X 4'-0" H., 4,000 POUND CAPACITY.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL AMOUNT OF MATERIALS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 2,000 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
4. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 3. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER.  
[RULE 1401]
6. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

#### **Periodic Monitoring:**

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F98567  
A/N 476311**

#### **Equipment Description:**

MIXER, POLYESTER RESIN, SHAR SYSTEMS, MODEL NO. D-258NZ, 182 GALLON, WITH THREE HOPPERS, 4' X 4'-4" X 4'-4" EACH, AND A 25 HP MOTOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL AMOUNT OF POLYESTER RESINS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 2,520 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
4. THE TOTAL QUANTITY OF MATERIALS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 18,000 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
5. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO'S. 3 AND 4. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMIANTS AS IDENTIFIED IN RULE 1401, TABLE 1, AS AMENDED MARCH 4, 2005 OR EARLIER WITH THE EXCEPTION OF STYRENE.  
[RULE 1401]
7. THE MIXER SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
8. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

#### **Periodic Monitoring:**

## FACILITY PERMIT TO OPERATE NEW BASIS

9. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. F98572  
A/N 484033**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. DUST COLLECTOR, DONALDSON TORIT, MODEL NO. VS-1200, PULSE JET CLEANING, WITH ONE 17" DIA. X 20" L. CARTRIDGE-TYPE FILTER, 135 SQ. FT. TOTAL FILTER AREA, AND ONE 24" X 18" X 12" HEPA FILTER.
2. EXHAUST SYTEM WITH A 3 HP EXHAUST FAN VENTING A POLYSTER RESIN MIXER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. DUST COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

4. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE

## **FACILITY PERMIT TO OPERATE NEW BASIS**

ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM      RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12966  
A/N 507895**

#### **Equipment Description:**

STORAGE SILO, NO. 1, CALCIUM CARBONATE, 12'-0" DIA. X 13'-8" H. (OVERALL), 6,204 GALLON CAPACITY.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

4. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12965  
A/N 507894**

#### **Equipment Description:**

STORAGE SILO, NO. 2, SAND, 12'-0" DIA. X 13'-8" H. (OVERALL), 6,204 GALLON CAPACITY.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

4. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12964  
A/N 507892**

#### **Equipment Description:**

STORAGE SILO, NO. 3, CALCIUM CARBONATE, 12'-0" DIA. X 17'-0" H. (OVERALL), 7,473 GALLON CAPACITY.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

4. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12963  
A/N 507891**

#### **Equipment Description:**

BAGHOUSE, NO. 1, DIVERSIFIED STORAGE SYSTEMS, MODEL NO. AIRMAX 150, EIGHTEEN BAG FILTERS, 150 SQ. FT. TOTAL FILTER AREA VENTING SILO NO. 1, WITH A MECHANICAL SHAKER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.  
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12962  
A/N 507890**

#### **Equipment Description:**

BAGHOUSE, NO. 2, EIGHTEEN BAG FILTERS, 127 SQ. FT. TOTAL FILTER AREA VENTING SILO NO. 2, WITH A MECHANICAL SHAKER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.  
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12961  
A/N 507889**

#### **Equipment Description:**

BAGHOUSE, NO. 3, EIGHTEEN BAG FILTERS, 127 SQ. FT. TOTAL FILTER AREA VENTING SILO NO. 3, WITH A MECHANICAL SHAKER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.  
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE

## **FACILITY PERMIT TO OPERATE NEW BASIS**

THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions And Requirements:**

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12959  
A/N 493706**

#### **Equipment Description and Conditions:**

STORAGE TANK, RESIN, VERTICAL FIXED ROOF, 9'-11" DIA. X 10'-11" H., 6,307 GALLON CAPACITY.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL THROUGHPUT OF POLYESTER RESIN IN THIS EQUIPMENT SHALL NOT EXCEED 12,614 GALLONS IN ANY WEEK.  
[RULE 1303(b)(2)-OFFSET]
4. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 3. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS AS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, AS AMENDED JUNE 5, 2009 OR EARLIER.  
[RULE 1401]

#### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO CONSTRUCT**

**A/N 485720  
Granted as of  
January 1, 2010**

#### **Equipment Description:**

MODIFICATION OF AN EXISTING AIR POLLUTION CONTROL SYSTEM BY REMOVING THE ENVIROCURE SYSTEM:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. VOLATILE ORGANIC COMPOUND (VOC) CONTROL SYSTEM, ENVIROCURE LLC, MODEL NO. SSFRP2PG2100, CONSISTING OF:
  - A. AIR MAKE-UP SYSTEM, WITH TWO 1,500,000 BTU/HR MAXON NP-LE LOW-NO<sub>x</sub> NATURAL GAS-FIRED BURNERS AND TWO 15 H.P. BLOWERS VENTING ONE SPRAY BOOTH (PERMANENT TOTAL ENCLOSURE).
  - B. TWO CATALYTIC ADSORPTION BEDS, EACH 6'-0" W. X 18'-0" L., WITH 5,200 POUNDS OF HAPTITE ADSORBANT MEDIA OR EQUIVALENT.
  - C. CATALYTIC OXIDIZER, 2'-8" DIA. X 7'-0" H. COMBUSTION CHAMBER, WITH ONE 2,700,000 BTU/HR MAXON In-3 LOW-NO<sub>x</sub> NATURAL GAS-FIRED BURNER AND ONE 15 H.P. CATALYST FAN.

AND REPLACING IT WITH A REGENERATIVE THERMAL OXIDIZER:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST, MODEL NO. RETOX 12.0RTO95, 9'-2" W. X 24'-0" L. X 10'-6" H., 12,000 SCFM CAPACITY, WITH ONE 3,434,000 NATURAL GAS-FIRED MAXON KINEMAX 4G BURNER, ONE 7.5 HP COMBUSTION AIR BLOWER AND TWO CERAMIC BEDS, EACH WITH 13,200 LBS OF CERAMIC MEDIA.
2. SPRAY BOOTH, ENVIROCURE, MODEL NO. SSFRP2PG2100, FLOOR TYPE, 50'-5" W. X 55'-0" L. X 10'-0" H., WITH THREE 3'-0" W. X 36'-0" L. FIRST-STAGE EXHAUST FILTERS, FOUR 3'-0" W. X 1'-6" L. SECOND-STAGE EXHAUST FILTERS AND FOUR 3'-0" W. X 1'-6" L. THIRD-STAGE EXHAUST FILTERS AND TWO 15 HP EXHAUST FANS.
3. EXHAUST SYSTEM WITH ONE PERMANENT TOTAL ENCLOSURE AND ONE 50 HP EXHAUST BLOWER VENTING ONE SPRAY BOOTH.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]



## FACILITY PERMIT TO OPERATE NEW BASIS

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH A THREE STAGE EXHAUST FILTERS AS SPECIFIED IN THE EQUIPMENT DESCRIPTION.  
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH STAGE OF EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 1.0 INCH OF WATER ACROSS EACH SINGLE STAGE OF EXHAUST FILTERS.  
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMIANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OR EARLIER.  
[RULE 1401]
6. THE TOTAL AMOUNT OF VOC EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]
7. THE SPRAY BOOTH SHALL BE OPERATED AS A PERMANENT TOTAL ENCLOSURE. THE PERMANENT TOTAL ENCLOSURE SHALL MEET ALL THE CRITERIA SPECIFIED IN US EPA METHOD 204 DURING OPERATION OF THIS EQUIPMENT.  
[RULE 1303(a)(1)-BACT]
8. THE OPERATOR SHALL OPERATE AND MAINTAIN THE REGENERATIVE THERMAL OXIDIZER ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

## **FACILITY PERMIT TO OPERATE NEW BASIS**

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,500 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 40CFR Part 64]

9. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.  
[RULE 1303(a)(1)-BACT]
10. THIS EQUIPMENT SHALL BE MAINTAINED AND OPERATED AT A MINIMUM DESTRUCTION EFFICIENCY OF 95% AND AN OVERALL VOC CONTROL EFFICIENCY (COLLECTION AND DESTRUCTION) OF 95% WHEN THE BASIC EQUIPMENT IT SERVES IS IN OPERATION  
[RULE 1303(a)(1)-BACT]
11. THE START-UP BURNER SHALL NOT USE MORE THAN 9,000 CUBIC FEET OF NATURAL GAS IN ANY ONE DAY.  
[RULE 1303(a)(1)-BACT]
12. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 11.  
[RULE 1303(a)(1)-BACT]
13. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).  
[RULE 109, 1303(b)(2)-OFFSET]

## **FACILITY PERMIT TO OPERATE NEW BASIS**

14. IN ADDITION TO THE RECORD KEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.  
[RULE 109, 1303(b)(2)-OFFSET]
15. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR THIS EQUIPMENT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH THE DISTRICT RULES.  
[RULE 109, 1303(b)(2)-OFFSET]
16. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE NEW BASIS

17. VOC EMISSIONS FROM THE USE OF RESIN (NON-ATOMIZED APPLICATION) SHALL BE CALCULATED USING EITHER THE FOLLOWING EMISSION FACTORS OR OTHER EMISSION FACTORS APPROVED IN WRITING BY THE EXECUTIVE OFFICER:

A. FOR STYRENE CONTENTS BETWEEN 33% AND 50%, USE THE FOLLOWING EMISSION FACTORS (AT DIFFERENT STYRENE CONTENTS):

71(AT 33%), 74(AT 34%), 77(AT 35%), 80(AT 36%), 83(AT 37%), 86(AT 38%), 89(AT 39%), 93(AT 40%), 96(AT 41%), 99(AT 42%), 102(AT 43%), 105(AT 44%), 108(AT 45%), 111(AT 46%), 115(AT 47%), 118(AT 48%), 121(AT 49%), 124(AT 50%)

B. FOR STYRENE CONTENTS <33%, USE THE FOLLOWING FORMULA:  
 EMISSION FACTOR =  $0.107 \times (\% \text{STYRENE}) \times 2000$

C. FOR STYRENE CONTENTS >50%, USE THE FOLLOWING FORMULA:  
 EMISSION FACTOR =  $[(0.157 \times \% \text{STYRENE}) - 0.0165] \times 2000$

D. THESE FACTORS SHOULD BE USED ONLY FOR MECHANICAL NON-ATOMIZED APPLICATION OF RESINS. MECHANICAL NON-ATOMIZED APPLICATION USES A MECHANICAL FLUID DELIVERY SYSTEM TO APPLY RESIN TO THE GLASS REINFORCEMENT WITHOUT ATOMIZING THE RESIN FLUID STREAM. NON-ATOMIZED APPLICATION EQUIPMENT INCLUDES FLOW COATERS, FLOW CHOPPERS, AND PRESSURE-FED ROLLERS. FLOW COATER GUNS AND FLOW CHOPPER GUNS ARE NOT CONSIDERED TO BE "SPRAY GUNS" DUE TO THE ABSENCE OF ATOMIZATION.

THE ABOVE EMISSION FACTORS ARE IN POUNDS OF VOC EMITTED PER TON OF RESIN PROCESSED. THE ABOVE STYRENE CONTENTS ARE STYRENE MONOMER CONTENTS IN RESIN AS SUPPLIED, PLUS ANY EXTRA STYRENE MONOMER ADDED BY THE MOLDER, BUT BEFORE THE ADDITION OF OTHER ADDITIVES SUCH AS POWDERS, FILLERS, GLASS, ETC.

THE VALUE FOR STYRENE CONTENT IN PERCENT BY WEIGHT (%STYRENE) IN THE FORMULAS IN (B) AND (C) ABOVE SHOULD BE INPUT AS A FRACTION. FOR EXAMPLE, USE THE INPUT VALUE 0.30 FOR A RESIN WITH 30% STYRENE CONTENT BY WEIGHT.

18. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:
- A. THE SOURCE TESTS SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

## FACILITY PERMIT TO OPERATE NEW BASIS

- C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE INLET AND THE EXHAUST OF THE OXIDIZER FOR:
- (1) NOX IN PPMV AND LBS/HR (EXHAUST ONLY)
  - (2) NOX PPMV AND LBS/HR FROM THE START-UP BURNER DURING START UP (EXHAUST ONLY)
  - (3) CO IN PPMV, AND LBS/HR (EXHAUST ONLY)
  - (4) VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
  - (5) VOC DESTRUCTION EFFICIENCY
  - (6) VOC COLLECTION EFFICIENCY
  - (7) USAGE OF ALL VOC-CONTAINING MATERIALS DURING THE TEST
  - (8) OXYGEN CONTENT
  - (9) MOISTURE CONTENT
  - (10) FLOW RATE
  - (11) TEMPERATURE
  - (12) NATURAL GAS USAGE DURING START-UP
- D. THE TEST SHALL DETERMINE IF THE SPRAY BOOTH ENCLOSURE IS A PERMANENT TOTAL ENCLOSURE PURSUANT TO METHOD 204.
- E. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
- F. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
- G. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.
- H. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- I. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE NEW BASIS

19. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL PRELIMINARY TESTS THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

### **Periodic Monitoring:**

20. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS ALL FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]
21. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]
22. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
  - B. THE TEST SHALL BE CONDUCTED NO LATER THAN MARCH 26, 2010 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
  - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
  - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
  - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QAULITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 3004(a)(4)]

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **Emissions And Requirements:**

23. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 481  
PM: 0.1 GR/SCF, RULE 409  
CO: 2000 PPMV, RULE 407  
HAP: 40 CFR63 SUBPART WWWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO CONSTRUCT**

**A/N 515594  
Granted as of  
April 22, 2011**

#### **Equipment Description:**

MODIFICATION OF AN EXISTING AIR POLLUTION CONTROL SYSTEM BY REMOVING THE EXISTING SPRAY BOOTH:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST, MODEL NO. RETOX 12.0RTO95, 9'-2" W. X 24'-0" L. X 10'-6" H., 12,000 SCFM CAPACITY, WITH ONE 3,434,000 BTU/HR NATURAL GAS-FIRED MAXON KINEMAX 4G BURNER, ONE 7.5 HP COMBUSTION AIR BLOWER AND TWO CERAMIC BEDS, EACH WITH 13,200 LBS OF CERAMIC MEDIA.
2. SPRAY BOOTH, ENVIROCURE, MODEL NO. SSFRP2PG2100, FLOOR TYPE, 50'-5" W. X 55'-0" L. X 10'-0" H., WITH THREE 3'-0" W. X 36'-0" L. FIRST-STAGE EXHAUST FILTERS, FOUR 3'-0" W. X 1'-6" L. SECOND-STAGE EXHAUST FILTERS AND FOUR 3'-0" W. X 1'-6" L. THIRD-STAGE EXHAUST FILTERS AND TWO 15 HP EXHAUST FANS.
3. EXHAUST SYSTEM WITH ONE PERMANENT TOTAL ENCLOSURE AND ONE 50 HP EXHAUST BLOWER VENTING ONE SPRAY BOOTH.

AND REPLACING IT WITH A NEW SPRAY BOOTH AND EXHAUST FILTER:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST, MODEL NO. RETOX 12.0RTO95, 9'-2" W. X 24'-0" L. X 10'-6" H., 12,000 SCFM CAPACITY, WITH ONE 3,434,000 BTU/HR NATURAL GAS-FIRED MAXON KINEMAX 4G BURNER, ONE 7.5 HP COMBUSTION AIR BLOWER AND TWO CERAMIC BEDS, EACH WITH 13,200 LBS OF CERAMIC MEDIA.
2. SPRAY BOOTH, SPRAYLINE, MODEL NO. SPRAYLINE 35, AUTOMOTIVE TYPE, 28'-0" W. X 35'-0" L. X 10'-0" H., WITH FORTY-TWO 20" X 20" X 2" FIRST-STAGE EXHAUST FILTERS, FORTY-TWO 20" X 20" X 12" SECOND-STAGE EXHAUST FILTERS AND ONE 5 HP EXHAUST FAN.
3. EXHAUST FILTER SERVING PCBM1 AND PCBM2 WITH A ¼ HP EXHAUST FAN.
4. EXHAUST SYSTEM CONSISTING OF ONE 50 HP EXHAUST BLOWER VENTING ONE SPRAY BOOTH AND TWO POLYMER CONCRETE BATCH MIXERS (PCBM1 AND PCBM2).

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]



## FACILITY PERMIT TO OPERATE NEW BASIS

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE SPRAY BOOTH SHALL BE OPERATED AS A PERMANENT TOTAL ENCLOSURE. THE PERMANENT TOTAL ENCLOSURE SHALL MEET ALL THE CRITERIA SPECIFIED IN US EPA METHOD 204 DURING OPERATION OF THIS EQUIPMENT.  
[RULE 1303(a)(1)-BACT]
4. THE EXHAUST FILTER SERVING PCBM1 AND PCBM2 SHALL OPERATE AT A CONTROL EFFICIENCY OF AT LEAST 98%.  
[RULE 1303(a)(1)-BACT]
5. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.  
[RULE 1303(a)(1)-BACT]
6. THE SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH TWO-STAGE EXHAUST FILTERS AS SPECIFIED IN THE EQUIPMENT DESCRIPTION.  
[RULE 1303(a)(1)-BACT]
7. GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE SPRAY BOOTH EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER FOR THE FIRST STAGE AND 1.0 INCH OF WATER FOR THE SECOND STAGE.  
[RULE 1303(a)(1)-BACT]
8. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTER(S) INSIDE THE EXHAUST FILTER BOX. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.5 INCH OF WATER.  
[RULE 1303(a)(1)-BACT]
9. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMIANANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT STYRENE, WITH AN EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER.  
[RULE 1401]
10. THE TOTAL AMOUNT OF VOC EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET]
11. VOC EMISSIONS FROM THE USE OF RESIN (MANUAL APPLICATION ONLY) SHALL BE CALCULATED USING EITHER THE FOLLOWING EMISSION FACTORS OR OTHER EMISSION FACTORS APPROVED IN WRITING BY THE EXECUTIVE OFFICER:
  - A. FOR STYRENE CONTENTS BETWEEN 33% AND 50%, USE THE FOLLOWING EMISSION FACTORS (AT DIFFERENT STYRENE CONTENTS):

## FACILITY PERMIT TO OPERATE NEW BASIS

83(AT 33%), 89 (AT 34%), 94 (AT 35%), 100 (AT 36%), 106 (AT 37%), 112 (AT 38%), 117 (AT 39%), 123 (AT 40%), 129 (AT 41%), 134 (AT 42%), 140 (AT 43%), 146 (AT 44%), 152 (AT 45%), 157 (AT 46%), 163 (AT 47%), 169 (AT 48%), 174 (AT 49%), 180 (AT 50%)

- B. FOR STYRENE CONTENTS <33%, USE THE FOLLOWING FORMULA:  
EMISSION FACTOR =  $0.126 \times (\% \text{STYRENE}) \times 2000$
  - C. FOR STYRENE CONTENTS >50%, USE THE FOLLOWING FORMULA:  
EMISSION FACTOR =  $[(0.286 \times \% \text{STYRENE}) - 0.0529] \times 2000$
  - D. THE ABOVE EMISSION FACTORS ARE IN POUNDS OF VOC EMITTED PER TON OF RESIN PROCESSED. THE ABOVE STYRENE CONTENTS ARE STYRENE MONOMER CONTENTS IN RESIN AS SUPPLIED, PLUS ANY EXTRA STYRENE MONOMER ADDED BY THE MOLDER, BUT BEFORE THE ADDITION OF OTHER ADDITIVES SUCH AS POWDERS, FILLERS, GLASS, ETC.
  - E. THE VALUE FOR STYRENE CONTENT IN PERCENT BY WEIGHT (%STYRENE) IN THE FORMULAS IN (B) AND (C) ABOVE SHOULD BE INPUT AS A FRACTION. FOR EXAMPLE, USE THE INPUT VALUE 0.30 FOR A RESIN WITH 30% STYRENE CONTENT BY WEIGHT.
12. VOC EMISSIONS FROM THE USE OF RESIN (MECHANICAL ATOMIZED APPLICATION ONLY) SHALL BE CALCULATED USING EITHER THE FOLLOWING EMISSION FACTORS OR OTHER EMISSION FACTORS APPROVED IN WRITING BY THE EXECUTIVE OFFICER:
  - A. FOR STYRENE CONTENTS BETWEEN 33% AND 50%, USE THE FOLLOWING EMISSION FACTORS (AT DIFFERENT STYRENE CONTENTS):

111 (AT 33%), 126 (AT 34%), 140 (AT 35%), 154 (AT 36%), 168 (AT 37%), 183 (AT 38%), 197 (AT 39%), 211 (AT 40%), 225 (AT 41%), 240 (AT 42%), 254 (AT 43%), 268 (AT 44%), 283 (AT 45%), 297 (AT 46%), 311 (AT 47%), 325 (AT 48%), 340 (AT 49%), 354 (AT 50%)
  - B. FOR STYRENE CONTENTS <33%, USE THE FOLLOWING FORMULA:  
EMISSION FACTOR =  $0.169 \times (\% \text{STYRENE}) \times 2000$
  - C. FOR STYRENE CONTENTS >50%, USE THE FOLLOWING FORMULA:  
EMISSION FACTOR =  $[(0.714 \times \% \text{STYRENE}) - 0.18] \times 2000$
  - D. THE ABOVE EMISSION FACTORS ARE IN POUNDS OF VOC EMITTED PER TON OF RESIN PROCESSED. THE ABOVE STYRENE CONTENTS ARE STYRENE MONOMER CONTENTS IN RESIN AS SUPPLIED, PLUS ANY EXTRA STYRENE MONOMER ADDED BY  
  
THE MOLDER, BUT BEFORE THE ADDITION OF OTHER ADDITIVES SUCH AS POWDERS, FILLERS, GLASS, ETC.
  - E. THE VALUE FOR STYRENE CONTENT IN PERCENT BY WEIGHT (%STYRENE) IN THE FORMULAS IN (B) AND (C) ABOVE SHOULD BE INPUT AS A FRACTION. FOR EXAMPLE, USE THE INPUT VALUE 0.30 FOR A RESIN WITH 30% STYRENE CONTENT BY WEIGHT.
13. TO ENSURE COMPLIANCE WITH THE EMISSION LIMIT OF THIS PERMIT, THE OPERATOR SHALL:

## FACILITY PERMIT TO OPERATE NEW BASIS

- A. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY DAILY AND MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
- B. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE RECORDS SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
- C. MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
- D. RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR FIVE YEARS.

ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

- 14. THE OPERATOR SHALL OPERATE AND MAINTAIN THE REGENERATIVE THERMAL OXIDIZER ACCORDING TO THE FOLLOWING REQUIREMENTS:
  - A. THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
  - B. THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
  - C. FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

## FACILITY PERMIT TO OPERATE NEW BASIS

- D. WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.
- E. ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.
- F. THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5% DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.
- G. THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- H. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT WHICH IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.  
[RULE 1303(a)(1)-BACT, 40CFR PART 64]
15. THE REGENERATIVE THERMAL OXIDIZER SHALL BE MAINTAINED AND OPERATED AT A MINIMUM VOC DESTRUCTION EFFICIENCY OF 95% AND AN OVERALL VOC CONTROL EFFICIENCY (DESTRUCTION AND COLLECTION) OF 95% WHEN THE EQUIPMENT IT SERVES IS IN OPERATION  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
16. THE START-UP BURNER SHALL NOT USE MORE THAN 9,000 CUBIC FEET OF NATURAL GAS IN ANY ONE DAY.  
[RULE 1303(a)(1)-BACT]
17. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 16.  
[RULE 1303(a)(1)-BACT]
18. THE START-UP BURNER SHALL COMPLY WITH RULE 1147.  
[RULE 1147]
19. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT A SOURCE TEST UNDER THE FOLLOWING CONDITIONS:

## FACILITY PERMIT TO OPERATE NEW BASIS

- A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
- B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO DISTRICT ENGINEER, TODD IWATA, NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
- C. THE SOURCE TEST SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE REGENERATIVE THERMAL OXIDIZER WHEN THE SPRAY BOOTH AND TWO MIXERS (PCBM 1 AND 2) ARE IN OPERATION SIMULTANEOUSLY FOR:
- (1) VOC IN PPMV AND LBS/HR AT THE RTO'S EXHAUST.
  - (2) VOC IN PPMV AND LBS/HR AT EACH MIXER'S MIXING AND DISCHARGE POINTS.
  - (3) VOC DESTRUCTION EFFICIENCY OF RTO.
  - (4) VOC COLLECTION EFFICIENCY OF RTO AND MIXERS.
  - (5) OXIDES OF NITROGEN (NO<sub>x</sub>) IN PPMV AND LBS/HR FROM THE START-UP BURNER DURING START UP (RTO EXHAUST).
  - (6) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (RTO EXHAUST).
  - (7) NATURAL GAS USAGE DURING START-UP.
  - (8) USAGE OF ALL VOC-CONTAINING MATERIALS DURING THE TEST.
  - (9) OXYGEN CONTENT.
  - (10) MOISTURE CONTENT.
  - (11) FLOW RATE.
  - (12) TEMPERATURE.
- D. THE SOURCE TEST SHALL BE CONDUCTED WHILE BOTH MIXERS ARE MIXING AND DISCHARGING.
- E. THE TEST SHALL DETERMINE IF THE SPRAY BOOTH ENCLOSURE IS A PERMANENT TOTAL ENCLOSURE PURSUANT TO METHOD 204.
- F. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. THE OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER SHALL BE RECORDED DURING THE ENTIRE TESTING PERIOD AND INCLUDED IN THE SOURCE TEST REPORT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST. IN ADDITION, THE USAGE OF ALL VOC-CONTAINING MATERIALS (GEL COAT, SOLVENTS, COATINGS, ETC.) IN THE EQUIPMENT VENTED TO THIS EQUIPMENT SHALL BE RECORDED DURING THE TEST.

## FACILITY PERMIT TO OPERATE NEW BASIS

- G. IN ADDITION TO THE TEST DURING NORMAL OPERATION, A SOURCE TEST FOR NO<sub>x</sub> AND CO EMISSIONS SHALL ALSO BE CONDUCTED DURING THE START-UP OF THE OXIDIZER BEFORE THE PROCESS AIR STREAM FROM THE SPRAY BOOTH AND MIXERS IS INTRODUCED INTO THE OXIDIZER.
  - H. A WRITTEN NOTICE OF THE SOURCE TEST SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
  - I. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.
  - J. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
  - K. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
  - L. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE TESTING DATE.  
[RULE 1303(a)(1)-BACT]
20. THE OWNER OR OPERATOR SHALL CONDUCT A SOURCE TEST TO DETERMINE AN EMISSION FACTOR(S), IN POUNDS OF VOC PER POUND OF RESIN, FOR BOTH MIXERS (PCBM1 AND PCBM2) OPERATED AT THIS FACILITY UNDER THE FOLLOWING CONDITIONS:
- A. THE SOURCE TEST SHALL BE CONDUCTED TO CALCULATE MONTHLY VOC EMISSIONS USING THE EMISSION FACTOR(S) DERIVED FROM THE SOURCE TEST.
  - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO DISTRICT ENGINEER, TODD IWATA. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE COMPLETED  
  
DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
  - C. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION OF THE MIXERS WHICH INCLUDES AT A MINIMUM, LOADING, MIXING, CASTING, MOLDING AND DEMOLDING. THE TOTAL QUANTITY OF ALL MATERIALS USED IN THE MIXERS DURING THE TEST SHALL BE RECORDED.

## FACILITY PERMIT TO OPERATE NEW BASIS

- D. A WRITTEN NOTICE OF THE SOURCE TEST SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.
  - F. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.  
[RULE 1303(a)(1)-BACT]
21. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE TESTING DATE.  
[RULE 1303(a)(1)-BACT]
- Periodic Monitoring:**
- 22. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS ALL FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]
  - 23. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
    - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
    - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
    - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.  
[RULE 3004 (a)(4)]
  - 24. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
    - A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.

## FACILITY PERMIT TO OPERATE NEW BASIS

- B. THE TEST SHALL BE CONDUCTED NO LATER THAN MARCH 26, 2015 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
  - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
  - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
  - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING, PLATING, MILITARY AND ENTERTAINMENT OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 3004(a)(4)]

### **Emissions And Requirements:**

25. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109  
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 481  
PM: 0.1 GR/SCF, RULE 409  
CO: 2000 PPMV, RULE 407  
NOx: RULE 1147  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS



## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO CONSTRUCT**

**A/N 514879  
Granted as of  
April 22, 2011**

#### **Equipment Description:**

MIXER, POLYMER CONCRETE BATCH MIXER 1 (PCBM1), SHAR SYSTEMS, MODEL NO. D-258NZ, 13'-0" W. X 13'-10" L. X 15'-3" H., 182 GALLON MIXING TANK, WITH THREE HOPPERS AND ONE 25 HP MOTOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE MIXER AND CONVEYOR TUBES CONNECTED TO THE MIXER SHALL BE COVERED WITH HEAVY-DUTY PLASTIC WRAP TO MINIMIZE FUGITIVE DUST EMISSIONS.  
[RULE 1303(a)(1)-BACT]
4. THE MIXER SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
5. THE TOTAL QUANTITY OF MATERIALS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 115,000 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
6. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 5. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
7. VOC EMISSIONS SHALL BE DETERMINED USING THE FOLLOWING EMISSION FACTORS:  
  
LOADING/MIXING EMISSIONS = 0.0053 LB VOC/LB RESIN X RESIN USED (LB/DAY)  
  
MOLDING/DEMOLDING EMISSIONS = 0.0023 LB VOC/LB RESIN X RESIN USED (LB/DAY)
8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL:

## FACILITY PERMIT TO OPERATE NEW BASIS

- A. KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY DAILY AND MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
  - B. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE RECORDS SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
  - C. MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
  - D. RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR FIVE YEARS.
9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
10. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS AS IDENTIFIED IN RULE 1401, TABLE 1, AS AMENDED SEPTEMBER 10, 2010 OR EARLIER WITH THE EXCEPTION OF STYRENE.  
[RULE 1401]
11. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

### **Periodic Monitoring:**

12. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER

## **FACILITY PERMIT TO OPERATE NEW BASIS**

WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **PERMIT TO OPERATE**

**Permit No. G12960  
A/N 505170**

#### **Equipment Description:**

MIXER, POLYMER CONCRETE BATCH MIXER 2 (PCBM2), 4'-0" DIA. X 3'-4" H., 300 GALLON CAPACITY, WITH ONE 7.5 HP MOTOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE MIXER AND CONVEYOR TUBES CONNECTED TO THE MIXER SHALL BE COVERED WITH HEAVY-DUTY PLASTIC WRAP TO MINIMIZE FUGITIVE DUST EMISSIONS.  
[RULE 1303(a)(1)-BACT]
4. THE MIXER SHALL NOT BE OPERATED UNLESS IT IS ONLY VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE, AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
5. THE TOTAL QUANTITY OF MATERIALS MIXED IN THIS EQUIPMENT SHALL NOT EXCEED 115,000 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
6. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 5. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
7. VOC EMISSIONS SHALL BE DETERMINED USING THE FOLLOWING EMISSION FACTORS:  
  
LOADING/MIXING EMISSIONS = 0.0053 LB VOC/LB RESIN X RESIN USED (LB/DAY)  
  
MOLDING/DEMOLDING EMISSIONS = 0.0023 LB VOC/LB RESIN X RESIN USED (LB/DAY)
8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL:

## FACILITY PERMIT TO OPERATE NEW BASIS

- A. KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY DAILY AND MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
  - B. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE RECORDS SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
  - C. MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
  - D. RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR FIVE YEARS.
9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
10. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS AS IDENTIFIED IN RULE 1401, TABLE 1, AS AMENDED SEPTEMBER 10, 2010 OR EARLIER WITH THE EXCEPTION OF STYRENE.  
[RULE 1401]
11. NO VOC CONTAINING MATERIALS, EXCEPT POLYESTER RESINS, SHALL BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

### **Periodic Monitoring:**

12. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER

## **FACILITY PERMIT TO OPERATE NEW BASIS**

WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

- 13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40 CFR63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **RULE 219 EQUIPMENT**

#### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

#### **Periodic Monitoring:**

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

[RULE 3004 (a) (4)]

#### **Emissions And Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE NEW BASIS**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS